

## **Cannabis Oil Extraction Recipe 4.21.2015**

### **Making Activated Herbal Oil using CBD dominant plants with Alcohol Extraction (using 1 or 2 lbs of plant material)**

\* Omit OPTIONAL steps in order to produce oil with higher acidic cannabinoid content (ex. - CBDA)

- 1) Use plant material (buds and trim) in its frozen state.
- 2) OPTIONAL\* - Preheat the oven to 290F degrees.
- 3) Chop the material up well in a Cuisinart or blender. Be sure that the buds are chopped up, around 2mm size.
- 4) Put the chopped up material in a shallow (1") layer in a glass baking dish or a cookie sheet lined with parchment paper.
- 5) OPTIONAL\* - Bake at 290F degrees for 45 minutes to decarboxylate.
- 6) Put the baked, chopped material into quart mason jars, filling to 3/4 full and add enough alcohol to cover plant material one inch above the top of the plant material. Use the alcohol to rinse off all surfaces (cuisinart and oven pan) that touched the material up to this point so that you can get every last bit of CBD into the jars. Its sticky stuff and the alcohol will wash it right into the mason jars.
- 7) Put the lid on the mason jars with an unbleached wax paper sheet between the alcohol and the lid or use a Tattler's plastic cover instead of the standard to avoid the BPA; and soak for 45 minutes, shaking the bottles up every 5 minutes or so.
- 8) Place bottles in a sonicator x30 minutes to vibrate off more of the medicinal properties from the plant material.

9) Empty the contents into a press to strain out the material so you are left with green alcohol only.

10) Use a 100-150 strain mesh bag with the press. The finer the strain, the less waxy material will be in the final oil.

11) Filter the green alcohol, minus the brown waxy stuff at the bottom of the jar, into a metal coffee filter to get rid of the rest of the brown waxy stuff.

12) Then with the filtered green alcohol, pour into distiller and let it run until 80% of alcohol is recaptured. Make sure the receptacle for the alcohol fits exactly into the charcoal filter spout.

13) When 80% is recaptured, place a fan on high in front of the distiller and unplug the distiller. Open the lid immediately and let the fan blow off the evaporating alcohol fumes through an open window and allow the alcohol to cool down for 10 minutes before starting it up again.

14) Do this process a few times until the unit stops by itself. Then immediately put the fan blowing on the distiller and take off the lid.

15) If using pure cannabis oil:

Draw up 1ml into syringe for testing. Use 10ml syringes to draw up the remaining cannabis oil into syringes directly from the distiller. From a pound of plant material, the yield should be around 75-90gms.

16) If using diluted 1:1 olive or coconut oil to cannabis oil for kids, add around 90- 100ml of olive oil (for each pound processed) directly into the distiller after the lid comes off and stir really well with a whisk or spatula. After thoroughly mixing the two oils, pour into a beaker to measure end product.

Draw up 2ml for testing. Pour the rest of the oils into 2oz or 4oz amber bottles with caps (not droppers) using a funnel if necessary and stirring beaker with each pour. Make sure you are shaking the contents of the dispensing bottle before each use.

17) Store in refrigerator or in a cool, dark place.